CLAIMS:

1. A method of purifying air comprising withdrawing air from an enclosed space, passing the withdrawn air over surfaces coated with an antimicrobial agent, through an ultraviolet radiation and returning the thus irradiated air to the enclosed space.

2. A method according to claim 1, and comprising filtering the withdrawn air.

3. A method according to claim 1 or 2, and comprising causing turbulence to the air flow prior to passing the withdrawn air through ultraviolet radiation.

4. A method according to claim 1, 2 or 3, wherein the agent is an antimicrobial substance in a silane.

5. A method of purifying air substantially as hereinbefore described with reference to the accompanying drawings.

6. Apparatus for purifying air comprising means (3) for withdrawing air from an enclosed space (1), ducting (4) for directing withdrawn air through a unit including an ultraviolet radiation section (5) for irradiating the withdrawn air and thence back to an air inlet (8) arranged to communicate with the enclosed space, the unit having at least one of its internal surfaces coated with an antimicrobial agent.

7. Apparatus according to claim 6, and comprising a filter (6a) for filtering the withdrawn air.

8. Apparatus according to claim 6 or 7, and comprising means (6b) for causing the air flow to separate into a number of various paths in order to cause turbulence in the air flow.

9. Apparatus according to claim 7 or 8 wherein the antimicrobial agent is coated on at least some of the internal surfaces of the filter (6a) and/or the air flow separating means (6b).

10. Apparatus for purifying air substantially as hereinbefore describes with reference to the accompanying drawings.